

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2024-05-23 14:08:20  
Date of Next Testing: 2028-05-22 14:08:20  
Product Name: **5-Sulfosalicylic acid dihydrate**  
CAS Number: 5965-83-3  
Specifications & Purity: ACS, ≥99.0%  
Lot #: E2413064  
SKU #: **S112090**  
Version: **0**  
Analysis #: **178416**  
Storage Temperature: Desiccated

| Parameter                               | Limit Values                       | Result                             |
|-----------------------------------------|------------------------------------|------------------------------------|
| Heavy metal (as Pb)                     | 0-0.002 (%)                        | 0.00030 %                          |
| Chloride Content                        | 0-0.001 (%)                        | 0.00100 %                          |
| Iron(Fe)                                | 0-0.001 (%)                        | 0.00030 %                          |
| Insoluble matter in H <sub>2</sub> O    | 0-0.02 (%)                         | 0.00000 %                          |
| Purity (Titration by NaOH)              | 99-101 (%)                         | 100.45000 %                        |
| salicylic acid                          | 0-0.04 (%)                         | 0.04000 %                          |
| Ignition Residue                        | 0-0.1 (%)                          | 0.00000 %                          |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.02 (%)                         | 0.01000 %                          |
| Appearance (S112090)                    | White Crystals, Powder or Granules | White Crystals, Powder or Granules |
| Infrared spectrum                       | Conforms to Structure              | Conforms to Structure              |



John Su  
QA & QC Manager